

Entire System Server 3.1.2 Release Notes

For further information, you should also read the Entire System Server 3.1.1 Release Notes which are delivered with Version 3.1.2 on the current Natural Documentation CD-ROM and in printed form.

References contained in the Version 3.1.1 Release Notes generally refer to the corresponding Version 3.1.1 manuals which are included in the Version 3.1.2 documentation.

These Release Notes provide an overview of solved problems provided for Entire System Server 3.1.2.

This document covers the following topics:

- Support of Previous Versions
 - Prerequisites
 - Solved SAGSIS Problems on z/OS and OS/390
 - Solved SAGSIS Problems on VSE/ESA
 - Solved SAGSIS Problems on BS2000/OSD
 - Changes with the Next Version
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Support of Previous Versions

Note that with the release of Entire System Server 3.1.2, versions of Entire System Server lower than 2.2.2 can no longer be supported. You are therefore strongly advised to migrate to the current version at your earliest convenience.

The restrictions for OS/390 JES3 installations described in the Entire System Server Version 3.1.1 release notes also apply to this maintenance level. If your applications need the missing functionality for the JES3 interface or you are using Entire Output Management (NOM), you must not install Entire System Server Version 3.1.2. Instead, you have to use Entire System Server Version 2.2.2, until the missing functionality of the JES3 interface is implemented in the next release of Entire System Server.

Prerequisites

Before you can install the Entire System Server, the following Software AG products must already be installed at your site:

- Natural Version 3.1.4 or above;
- Adabas Version 7.1.2 or above;
- Entire System Server Interface (provided with Natural);
- Entire Net-Work Version 5.6.1 (optional, for multi-CPU Support);
- Predict Version 4.1.2 or above (optional).

The Entire System Server Services are available in any Natural environment that runs any or a combination of the following operating systems:

- OS/390 Version 2.6 or above; or z/OS Version 1.1 or above
- VSE/ESA Version 2.4 or above;
- BS2000/OSD Version 2 or above.

For OS/390, JES2 the PTF's for APAR's OW35104, OW36019, OW44349 and OW52411 must be applied.

For OS/390, JES3 the PTF's for APAR's OW34753, OW36019, OW36022 and OW44298 must be applied. See also Information APAR II11784 for recommended JES3 SAPI maintenance.

Since Entire System Server on BS2000/OSD is using operating system interfaces introduced with BS2000/OSD Version 2, it cannot run on former operating system versions.

Software AG provides Entire System Server support for the operating system versions supported by their respective manufacturers. Generally, when an operating system provider stops supporting a version of an operating system, Software AG will stop supporting that operating system version.

Although it may be technically possible to run a new version of Entire System Server on an old operating system, Software AG cannot continue to support operating system versions that are no longer supported by the system's provider.

If Natural ISPF is used, Version 2.4.3 or above is required to support the new Entire System Server version.

If Natural ISPF Version 2.4.2 is used, the solutions for the following problems have to be installed:

z/OS and OS/390:

Problem	Solution	Description
195165	IS24204	Error NAT1305 in ISPJLS1P / 5580 Numeric value truncated

BS2000/OSD:

Problem	Solution	Description
202180	IS24205	Browse / Find in LMS elements slow.

Solved SAGSIS Problems on z/OS and OS/390

Problem	Short Description
168615	NAT0954 on IF ERROR-CODE
190497	RLSE not releasing unused space
190840	Lib-update doesn't scratch
200106	Rename dataset ACF2 message
201694	Fields not filled, DIS-WTOR
204122	No user-id from NATPROC-USERS
204214	Lib-update: alias not correct
204241	Submit: error ES8? close handling
204415	ESY5580 with PDSE dataset
204453	View unit-attrb./diff. results
204562	Abend S0C4 with LOAD-MODULE IDR
204564	Abend S0C7 in XCOMV044+X'2A04'
204691	LOAD-MODULE DATX field incorrect
204789	IDR-TYPE LINK not found for PDS
205162	UNIT-HEX conflicts with UNIT

Problem	Short Description
205168	List active job with NSPF
205443	S0C1/TRACE error msgs at init
205507	ESY0580I SSI req. 80 STATREAS 2
205588	Subtask already active
205745	Read / copy load-module
205747	ACTIVE-JOBS with JOB-NAME=blank
205749	Spool-queue groupid 8 chars
206029	Operator cmd not working
206097	Opcmd TRACE=Y & TRACE=PREP error
206126	Copy-file to PDSE replace ignor
206334	Find by group-id
206372	Submit does not set JOB-ID
206385	ICH409I 0C4-010 ABEND at logoff
206452	Spool-queue: card-count not set
206624	Scan case sensitive
206627	S213-8C with HFS
206693	Scan-length with scan-type=A
206808	CC for cond.code doesn't work
206812	S001, IEC020I 001-03
206813	S0C4 in XCOMV012 at X'0AC4'
206927	ESY5580 instead of ESY5998
206928	IDR-TYPE=ZAP on PDSE data set
206981	Overview of applied zaps
206982	Invalid JES2 Cmd \$TSTC(nnn),C=c
207197	Recall not migrated data set
207224	Displaced data if unknown MU fld
207307	Lib-directory on load lib TTR
207404	LIB-ZAP to PDSE returns AMA129I
207618	S0C4 in READCONS at X'0A1C'
207760	TYPE SM sysout data set not found
207776	Duplicate spool data sets found
207864	Wrong dataset allocated for ALIAS
208404	WRITE-FILE REPLACE PDSE ignored
208939	READ-FILE receives ESY5996
209011	S0C4 when data set PASSWORD spec.

Problem	Short Description
209065	SPOOL-FILES with HOLD=YES, update
209528	Hang in xcomvtop
209604	Support for JES2 z/OS 1.2
209623	COPY-FILE for ALIAS incorrect
209821	SYNCDB does not support DBID>999
209921	Abend S0C4 in XCOMALCF +X'176'
210219	NAT RC cmds w/CIDs missing view
210395	ESY5785 CVAFTST failed with RC
210620	FIND CONSOLE-LOG log-job-name
210630	Allocation not released for PDS
210657	Sporadical esy5631
210854	Console-log: scan not used proper
210872	S0C4 esynmain+x3F1A
210959	ESY0001I NO OUTADD CALLED
211028	Correct GMT/local time adjustment
211085	SPOOL-FILES release new-class
211093	SPOOL-FILES invalid NEW-CLASS
211114	FILE-ATTRIBUTES of uncatlg PDSE
211537	Wrong PDSE IDR data
211588	Free space not shown correctly
211614	Copy PDS member to uncat. Dataset
211682	Wrong MODULE-LENGTH returned
211867	Duplicate SPOOL-QUEUE entries
212046	ESY0563I \$CBIO failed, RC 12
212050	SPOOL-QUEUE finds wrong CLASSes
212117	Abend S0C1 in TRACE at X'05E6'
212186	ABEND S130
212405	VTOC-update doesn't check catalog
212444	VTOC shows incorrect EXTENT-TYP
212464	VTOC extent not listed
212488	NAT5719 Unable to..SYSOUT dataset
212550	TRACE defaults incorrect
212880	Copy-file module to pdse
212906	ESY5602 in CATALOG-UPDATE
213173	Correct TRACE console msg IDs

Problem	Short Description
213287	ABEND S378-1C in XCOMV012
213376	No error code for view SPOOL-FILE
213800	ZAPs near module end not reported
214011	Scan doesn't find all members
214488	Default for IUBL
214666	Allocations: strange values
214792	ESY5892 at shutdown ESM product
214966	Display offset of CSECT wrong
215068	LOG-REQUEST-TYPE missing
215140	TRACE opr cmd seems not to work
215214	Active-jobs: not all found
215370	S80A reason 10
215468	S0C1 in XCOMV003 at X'095E'
215525	device-names: not all found
216393	SPOOL-QUEUE: JOB-NAME empty
217611	S0C4 in XCOMV004 at X'11EE'

Other Problems Solved on z/OS

Description

Entire System Server 3.1.2 provides an updated version of the Common JES Interface that includes support for the new z/OS 1.2 JES2 checkpoint format, allowing for job numbers greater than 65535. However, as the spool related view processors only support 5-digit job numbers, there is still a limit of 99,999.

To comply with this restriction, an appropriate JOBDEF RANGE limit can be specified in the JES2 Initialization Statements.

NPR31 will recognize dynamic changes of JES parameters, therefore the operator Command REFRESH JES is not longer supported.

Solved SAGSIS Problems on VSE/ESA

[illegible]

Solved SAGSIS Problems on BS2000/OSD

Problem	Short Description
204851	How to pass on account numbers
206328	Wrong time stamps in TRACE data
206563	Zero RECORD with READ-FILE is blank
206733	Keep TSN in inactive SERVER TYPIO
206747	Support zero AREA in MAIN-STORAGE
209833	NPR corrupts/truncates jobs
210304	FILE-ATTRIBUTES internal error
210486	NATPROC-USERS incomplete data
210689	HELP-INFO corrupted data
210706	SYSTEM-INFO wrong SESSION-NUMBER
210734	Zero DATA in COMMON-DATA is blank
210767	Zero MESSAGE in EVENTING is blank
211203	Displaced data if unknown MU field
212941	Number of USER CB's exceeded
216734	Binary data returned left justified

Changes with the Next Version

With the next version of Entire System Server, the following changes will be implemented:

1. The JOB-ID and JOB-NUMBER fields in the spool related view processors will be expanded to provide support for seven-digit job numbers.
2. The LOAD-MODULE view processor will use the Binder API to obtain information on load modules in both PDS and PDSE libraries, resulting in a consistent format of data fields like IDR-DATA.
3. Fields and functions related to CVOLs will be removed from the DDM for CATALOG-UPDATE. CVOLs are no longer supported as of January 1st, 2000.
4. The OPTIONS field for view WRITE-FILE will be renamed to PRODUCT-OPTIONS to avoid a potential conflict with the Natural reserved word used with the Optimizer Compiler.
5. XEND and ADAEND Commands
It has come to our attention that the undocumented XEND command is being used by some customers to shut down an Entire System Server region. ADAEND is the only documented and supported command to be used to normally shut down a region. XEND will disappear in a future release of Entire System Server.
6. User views SEQUENTIAL-FILE-READ and SEQUENTIAL-FILE-WRITE
Support of user views SEQUENTIAL-FILE-READ (file number 100) and SEQUENTIAL-FILE-WRITE (file number 202) will be dropped with the next release of Entire System Server.